

Title (en)
TRANSMITTING-TYPE TARGET AND X-RAY GENERATION TUBE PROVIDED WITH TRANSMITTING-TYPE TARGET

Title (de)
TRANSMISSIONSTARGET UND RÖNTGENSTRAHLERZEUGUNGSRÖHR MIT TRANSMISSIONSTARGET

Title (fr)
CIBLE DE TYPE TRANSMISSION ET TUBE DE GÉNÉRATION DE RAYONS X FOURNIS AVEC LA CIBLE DE TYPE TRANSMISSION

Publication
EP 3462474 B1 20230913 (EN)

Application
EP 18201453 A 20141120

Priority

- JP 2013253634 A 20131206
- JP 2013253635 A 20131206
- JP 2014184462 A 20140910
- EP 14194101 A 20141120

Abstract (en)
[origin: EP2887380A1] A transmissive-type target includes a target layer (22), and a transmissive substrate (21) configured to support the target layer. The transmissive substrate has a pair of surfaces (24,25) facing each other and is formed of polycrystalline diamond. In the transmissive substrate, one of the pair of surfaces includes polycrystalline diamond having a first average crystal grain diameter which is smaller than a second average crystal grain diameter of polycrystalline diamond included on the other surface opposing thereto. The target layer is supported by any one of the pair of surfaces.

IPC 8 full level
H01J 35/08 (2006.01)

CPC (source: CN EP US)
C23C 16/01 (2013.01 - EP US); **C23C 16/27** (2013.01 - EP US); **G01N 23/04** (2013.01 - EP US); **H01J 35/02** (2013.01 - CN); **H01J 35/04** (2013.01 - CN); **H01J 35/045** (2013.01 - US); **H01J 35/12** (2013.01 - CN EP US); **H01J 35/116** (2019.04 - EP US); **H01J 35/186** (2019.04 - EP US); **H01J 2235/02** (2013.01 - US); **H01J 2235/081** (2013.01 - US); **H01J 2235/084** (2013.01 - US)

Citation (examination)
GRAEBNER J E ET AL: "Thermal conductivity and the microstructure of state-of-the-art chemical-vapor-deposited (CVD) diamond", DIAMOND AND RELATED MATERIALS, ELSEVIER SCIENCE PUBLISHERS , AMSTERDAM, NL, vol. 2, no. 5-7, 13 April 1993 (1993-04-13), pages 1059 - 1063, XP025442655, ISSN: 0925-9635, [retrieved on 19930413], DOI: 10.1016/0925-9635(93)90273-5

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